

ABCO EMC COMPONENTS

**AEC-Q200**

## Common Mode Filter ECTW43P2-AH Series



5448-4, Sangdaewon-dong, Jungwon-gu,  
Seongnam-si, Gyeonggi-do, KOREA

Sales Dept. TEL:82-31-730-5083

FAX:82-31-730-5152

Eng. Dept. TEL:82-31-730-5053

FAX:82-31-730-5153

▣ **Features**

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
3. High reliability -Reliability tests comply with AEC-Q200
4. Operating temperature -40~+125°C (Including self - temperature rise)

▣ **Ordering Code**

<b>ECTW</b>	<b>43</b>	<b>P2</b>	<b>-</b>	<b>900</b>	<b>AH</b>
①	②	③		④	⑤

① Series name
ECTW

② Dimensions(mm)
43 : 4.5(L) × 3.2(W)

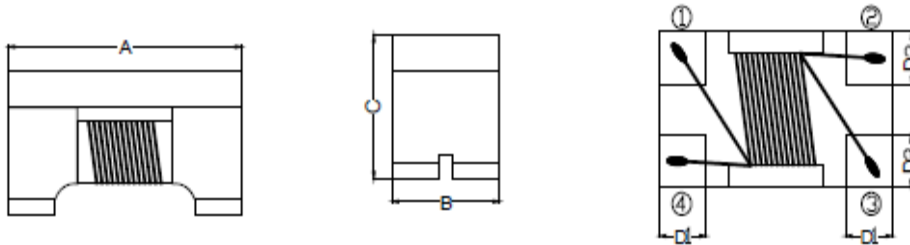
③ Number of Lines	
P2	2Lines

④ Common mode Impedance(Ω)	
900	90
231	230
142	1400

⑤ Internal Code
AH

**▣ Shapes and Dimensions**

Unit: mm



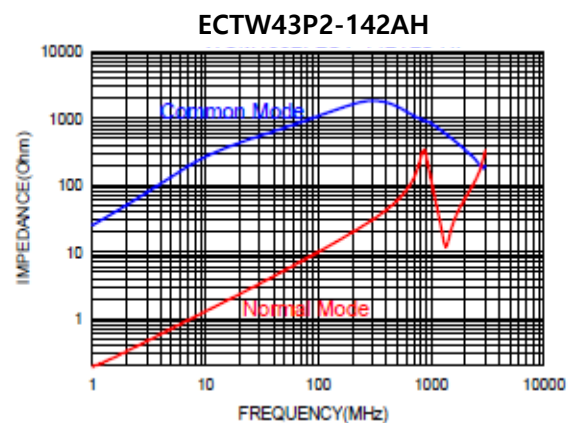
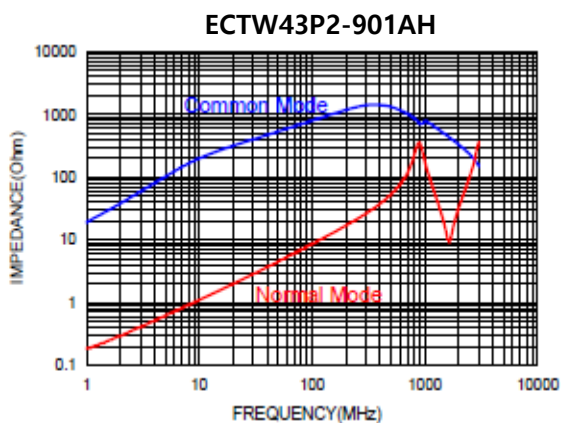
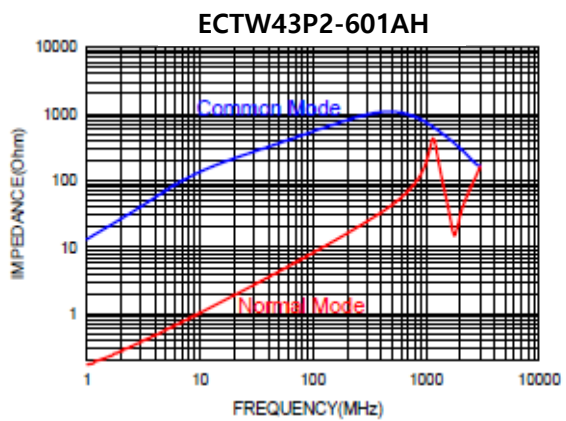
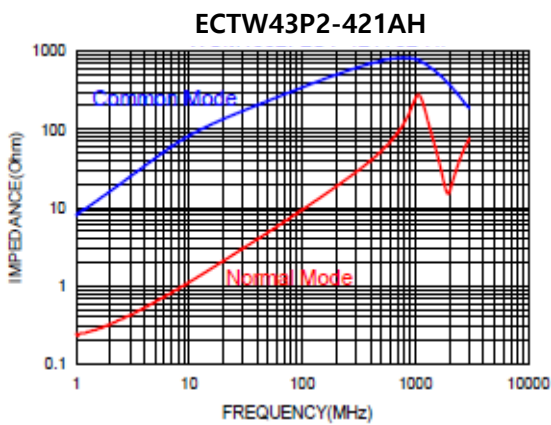
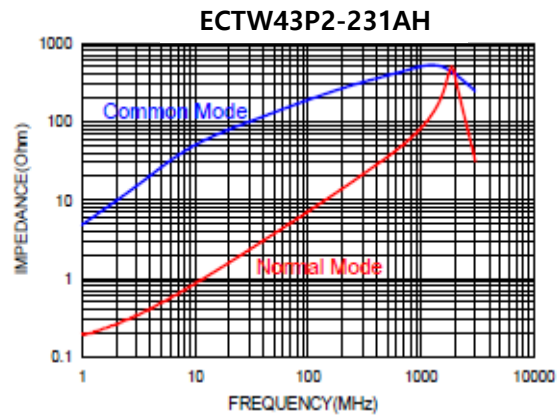
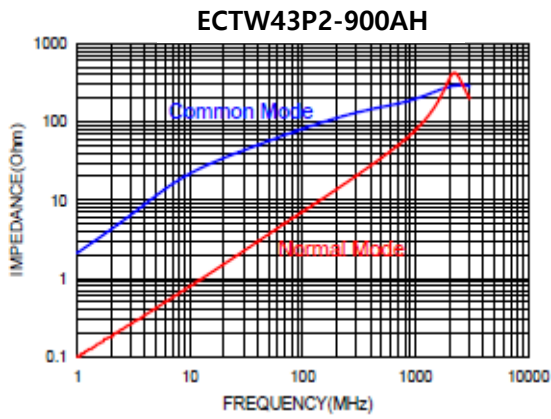
Series	A	B	C	D1	D2
ECTW43P2-A	4.5±0.2	3.2±0.2	2.8±0.2	0.90±0.15	1.05±0.15

**▣ Electrical Characteristics**

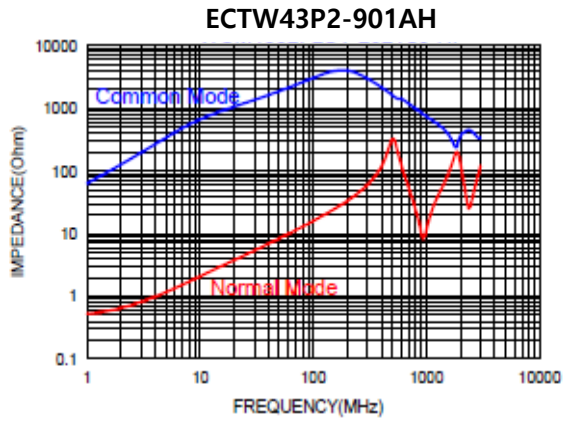
Part Number	Common mode Impedance(Ω)		DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	Withstand Volt. (Vdc)	IR (MΩ) min.
	Min.	Typ.					
ECTW43P2-900AH	68	90	0.050	4000	50	125	10
ECTW43P2-231AH	173	230	0.050	3500	50	125	10
ECTW43P2-421AH	300	420	0.055	3200	50	125	10
ECTW43P2-601AH	450	600	0.060	2500	50	125	10
ECTW43P2-901AH	650	900	0.070	2300	50	125	10
ECTW43P2-142AH	1000	1400	0.100	2000	50	125	10
ECTW43P2-282AH	2100	2800	0.350	900	50	125	10

\* Test Frequency : Impedance 100MHz/60mV

■ Typical Impedance v.s. Frequency Curve



■ Typical Impedance v.s. Frequency Curve



■ Schematic Diagram

